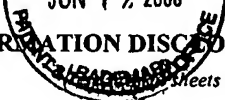


FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500581.08 (29666/US/2)APPLICATION NO.
10/691,122

INFORMATION DISCLOSURE STATEMENT

JUN 12 2006



(Attach additional sheets if necessary)

APPLICANT(S)
Mark A. Moehring et al.FILING DATE
October 21, 2003GROUP ART UNIT
3737

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JA</i>	AA	5,752,515	05/19/98	Jolesz et al.	128	653.1	
<i>JA</i>	AB	5,769,790	06/23/98	Watkins et al.	600	439	
	AC						
	AD						
	AE						
	AF						
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	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>JA</i>	AK	0 538 241 A2	04/21/93	EP			X	
	AL	0 734 742 A2	10/02/96	EP			X	
	AM	DE196 25 164 A1	01/02/98	Germany (+ English Abstract)			X	
<i>JA</i>	AN	WO 98/58588	12/30/98	PCT			X	
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
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EXAMINER

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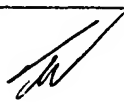
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	AA						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							

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	AN	Zagzebski, James A., "Essentials of Ultrasound Physics", Mosby, Inc., St. Louis, Missouri, 1996. pp. 46-68 and 109-122.
	AO	
	AP	

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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; transform: rotate(-15deg);"> MAY 03 2004 PATENT & TRADEMARK OFFICE </div>				APPLICANT(S) Mark A. Moehring et al.			
				FILING DATE October 21, 2003		GROUP ART UNIT 3737	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
↓	AA	4,622,978	11/18/86	Matsuo et al.	128	663	
	AB	4,757,820	07/19/88	Itoh	128	660	
	AC	5,307,816	05/03/94	Hashimoto et al.	128	660.03	
	AD	5,399,158	03/21/95	Lauer et al.	604	22	
	AE	5,509,413	04/23/96	Akama et al.	128	660.02	
	AF	5,509,896	04/23/96	Carter	604	21	
	AG	5,558,092	09/24/96	Unger et al.	128	660.03	
	AH	5,695,460	12/09/97	Siegel et al.	604	21	
	AI	5,720,287	02/24/98	Chapelon et al.	128	660.03	
	AJ	5,961,456	10/05/99	Gildenberg	600	429	
	AK	6,102,860	08/15/00	Mooney	600	443	
	AL	6,196,972 B1	03/06/01	Moehring	600	454	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
↓	AM	WO 01/58337 A3	08/16/01	PCT			
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
↓	AN	Akiyama, M. et al., "Low-Frequency Ultrasound Penetrates The Cranium and Enhances Thrombolysis In Vitro", Neurosurgery, Volume 43, Number 4, October 1998, pp. 828-833.					
↓	AO	Apfel, R. et al., "Gauging The Likelihood Of Cavitation From Short-Pulse, Low-Duty Cycle Diagnostic Ultrasound", Ultrasound in Med. & Biol., Volume 17, Number 2, 1991, pp. 179-185.					
↓	AP	Behrens, S. et al., "Low-Frequency, Low-Intensity Ultrasound Accelerates Thrombolysis Through The Skull", Ultrasound In Med. & Biol., Volume 25, Number 2, 1999, pp. 269-273.					
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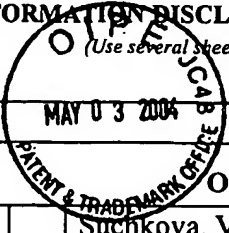
	AQ	Braaten, J. et al., "Ultrasound Reversibly Disaggregates Fibrin Fibers", Thromb Haemost, 1997, pp. 1063-1068.
	AR	Demchuk, A. et al., "Clinical Recovery From Acute Ischemic Stroke After Early Reperfusion Of The Brain With Intravenous Thrombolysis", The New England Journal of Medicine, Volume 340, Number 11, March 1999, pp. 894-895.
	AS	Deng, C. et al., "In Vitro Measurements of Inertial Cavitation Thresholds In Human Blood", Ultrasound In Medicine and Biology, Volume 22, Number 7, 1996, pp. 939-948.
	AT	Francis, C. et al., "Ultrasound Accelerates Transport of Recombinant Tissue Plasminogen Activator Into Clots", Ultrasound In Med. & Biol., Volume 21, Number 3, 1995, pp. 419-424.
	AU	Kashyap, A. et al., "Acceleration Of Fibrinolysis By Ultrasound In A Rabbit Ear Model Of Small Vessel Injury", Fibrinolysis And Ultrasound, Volume 76, Number 5, 1994, pp. 475-485.
	AV	Kornowski, R. et al., "Does External Ultrasound Accelerate Thrombolysis? Results From A Rabbit Model", Circulation, Volume 89, Number 1, January 1994, pp. 339-344.
	AW	Lauer, C. et al., "Effect Of Ultrasound On Tissue-Type Plasminogen Activator-Induced Thrombolysis", Circulation, Volume 86, Number 4, October 1992, pp. 1257-1264.
	AX	Luo, H. et al., "Enhancement Of Thrombolysis By External Ultrasound", American Heart Journal, Volume 12, Number 6, 1993, pp. 1564-1569.
	AY	Marler, John R., "Tissue Plasminogen Activator For Acute Ischemic Stroke", The New England Journal of Medicine, Volume 333, Number 24, December 1995, pp. 1581-1587.
	AZ	Martin, C. et al., "A Study Of Streaming In Plant Tissue Induced By A Doppler Fetal Heart Detector", Ultrasound In Med. & Biol., 1978, Volume 4, pp. 131-138.
	BA	Overgaard, Karsten, "Thrombolytic Therapy In Experimental Embolic Stroke", Cerebrovasc Brain Metab Rev, Volume 6, Number 3, 1994, pp. 257-272.
	BB	Riggs, P. et al., "Ultrasound Enhancement Of Rabbit Femoral Artery Thrombolysis", Cardiovascular Surgery, Volume 5, Number 2, April 1997, pp. 201-207.
	BC	Russel, D. et al., "Tissue Plasminogen Activator Cerebrovascular Thrombolysis In Rabbits Is Dependent On The Rate And Route Of Administrations", Stroke, Volume 23, Number 3, March 1992, pp. 388-393.
	BD	Siddiqi, F. et al., "Binding Of Tissue-Plasminogen Activator To Fibrin: Effect Of Ultrasound", Blood, Volume 91, Number 6, March 1998, pp. 2019-2025.

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	BE	Suchkova, V. et al., "Enhancement of Fibrinolysis With 40-kHz Ultrasound", University of Rochester, New York, September 8, 1998, pp. 1030-1035.
	BF	Tachibana, Katsuro, "Enhancement of Fibrinolysis with Ultrasound Energy", Journal of Vascular and Interventional Radiology, Volume 3, Number 2, May 1992, pp. 299-303.
	BG	Zivin, Justin A., "Thrombolytic Stroke Therapy. Past, Present, and Future", American Academy of Neurology, 1999, pp. 14-19.
	BH	
	BI	
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